

**INFORMATION DISCLOSURE STATEMENT**

Applicant : Fujii et al.  
App. No : 10/792,292  
Filed : March 3, 2004  
For : INTELLIGENT ROBUST CONTROL  
SYSTEM FOR MOTORCYCLE  
USING SOFT COMPUTING  
OPTIMIZER  
Examiner : Adrian L. Kennedy  
Art Unit : 2121

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing forty-six (46) references to be considered by the Examiner. Also enclosed are seventeen (17) foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: November 29, 2006

By: Lee W. Henderson  
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application No.	10/792,292
(Multiple sheets used when necessary)		Filing Date	March 3, 2004
SHEET 1 OF 3		First Named Inventor	Fuji et al.
		Art Unit	2121
		Examiner	Adrian L. Kennedy
		Attorney Docket No.	FY.51395US0A

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	5,111,531	05-05-1992	Grayson et al.
	2	5,142,877	09-01-1992	Shimizu
	3	5,150,660	10-27-1992	Lu et al.
	4	5,204,718	04-20-1993	Morita
	5	5,208,749	05-04-1993	Adachi et al.
	6	5,214,576	05-25-1993	Tani et al.
	7	5,288,835	12-07-1993	Miyagaki et al.
	8	5,285,377	02-08-1994	Sugasaka et al.
	9	5,324,069	06-28-1994	Ogawa
	10	5,305,230	04-19-1994	Matsumoto et al.
	11	5,361,628	11-08-1994	Marko et al.
	12	5,367,812	11-22-1994	Bozich et al.
	13	5,372,015	12-13-1994	Suzuki et al.
	14	5,434,951	07-18-1995	Kuwata
	15	5,471,381	11-28-1995	Khan
	16	5,483,450	01-09-1996	Titli et al.
	17	5,488,562	01-30-1996	Otterbein et al.
	18	5,539,638	07-23-1996	Keesler et al.
	19	5,557,520	09-07-1996	Suisse et al.
	20	5,740,324	04-14-1998	Mathur et al.
	21	5,815,198	09-29-1998	Vachtsevans et al.
	22	5,877,954	03-02-1999	Klimasauskas et al.
	23	5,912,821	06-15-1999	Kobayashi
	24	5,928,297	07-27-1999	Murata et al.
	25	5,943,860	08-24-1999	Yesildirek et al.
	26	5,971,579	10-26-1999	Kim
	27	6,021,369	02-01-2000	Kamihira et al.
	28	6,084,996	05-16-2000	Yamaguchi et al.
	29	2003-093392 A1	05-15-2003	Ulyanov

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application No.	10/792,292
(Multiple sheets used when necessary)		Filing Date	March 3, 2004
SHEET 2 OF 3		First Named Inventor	Fujii et al.
		Art Unit	2121
		Examiner	Adrian L. Kennedy
		Attorney Docket No.	FY.51395US0A

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	EP 1 085 460	03-21-2001	Yamaha Hatsudoki Kabushiki Kaisha	
	31	JP 10268904 A	10-09-1998	Ulyanov	

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	32	BOSE, BIMAL K., (1994), "Expert System, Fuzzy Logic, and Neural Network Applications in Power Electric and Motion Control," <i>Processing of the IEEE</i> , Vol. 82, No. 8, pages 1303-1323			
	33	CHEN, JEN-YANG, "An Integration Design Approach in PID Controller," <i>IEEE</i> , 1999, pages 901-907			
	34	DOTE, Y., "Real Time Nonlinear Learning Control for Robotic Manipulator Using Novel Fuzzy Neural Network," <i>IEEE International Conference on System, Man, and Cybernetics</i> , October 1998			
	35	FENG Q and YAMAFUJI K., (1988), "Design and Simulation of Control System of An Inverted Pendulum," <i>Robotica</i> , Vol. 6, No. 3, pages 235-241			
	36	GRADETSKY V.G. and ULYANOV S.V., (1993), "Mobile System With Wall Climbing Robots," <i>Intern. J. of Computer and Systems Sciences</i> , Vol. 31, No. 1, pages 128-142			
	37	JOHANSSON R., MAGNUSSON M. and FRANSSON P.A., (1995), "Galvanic Vestibular Stimulation for Analysis of Postural Adaptation and Stability," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 42, No. 3, pages 282-292			
	38	JU M.S., YI S.G., TSUII Y.G. and CHOU Y.L., (1995), "Fuzzy Control of Electrohydraulic Above-Knee Prostheses," <i>JSME International Journal</i> , Vol. 38, No. 1, pages 78-85			
	39	LEE Y.N., KIM T.W. and SUH I.H., (1994), "A Look-Up Table-Based Self Organizing Fuzzy Plus Linear Controller," <i>Mechatronics</i> , Vol. 4, Vo. 1, pages 71-90			
	40	LIU T.S. and WU J.C., (1993), "A Model For Rider-Motorcycle System Using Fuzzy Control," <i>IEEE Transactions on Systems, Man and Cybernetics</i> , Vol. 23 SMC, No. 1, pages 267-276			
	41	MENDEL, JERRY M., (1995), "Fuzzy Logic Systems for Engineering: A Tutorial", <i>Proceeding of the IEEE</i> , Vol. 83, No. 3, pp. 345-377.			
	42	NAKAJIMA R., TSUBOUCHI T., YUTA S. and KOYANAGI E., (1997), "A development of a new mechanism of an autonomous unicycle", <i>Proc. IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS '97)</i> , Vol. 2, Grenoble, France, pp. 906-912.			
	43	PERROUND M. and SAUCIER A., (1987), "Thermodynamics of dissipative systems", <i>Helvetica Physica</i> , Vol. 60, No. 8, pp. 1038-1051.			
	44	SHENG Z.Q. and YAMAFUJI K., (1995), "Realization of a human riding a unicycle by a robot", <i>Proc. of '95 IEEE Intern. Conf. on Robotics &amp; Automation</i> , Japan, Vol. 2, pp. 1319-1326			
	45	SHENG Z.Q. and YAMAFUJI K., (1997), "Postural stability of a human riding a unicycle and its emulation by a robot", <i>IEEE Trans. on Robotics and Automation</i> , Vol. 13, No. 5, pp. 709-720			

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